



Grand Air Compressor



Grand Air Oil Injected Screw Air Compressor

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Company profile

Grand Air compressor located in Ali ben Abi Taleb Street of the old industrial park, Riyadh city. The main products are fixed speed screw air compressor, variable frequency speed screw compressor, permanent magnet variable frequency screw compressor, and two-stage screw air compressor if requested. At the end of ۲۰۱۹, the company joined forces with famous school designers to develop integrated screw compressors with tanks and dryer to have the best experience. The pressure range is ۰.۷-۱.۷mpa and the power is ۳kw-۱۱۰kw. It can be customized to

meet the requirements of different climate buyers in different cities. With the advantage of the high-cost performance, energy-saving, and environmental protection, our customers have reached more than 1,000 in the world. The company has always been committed to revitalizing the national industry and building internationally renowned brands to provide users with best service. The most perfect compressed air supply is the mission. With the aim of flow management, first-class technology, first-class products and first-class service, the brand of GRAND AIR will be carried forward.



**Grand Air Oil
Injected Screw
Air Compressor**

Product series



GRAND AIR
COMPRESSOR



Fix speed series Screw Compressor



Variable speed series Screw Compressor



Fix speed series Screw Compressor



Variable speed series Screw Compressor



Variable speed series Screw Compressor



Compressor hand

High efficiency screw air end with using high precision heavy-load cylindrical roller bearings on the exhaust side of rotors, make the compressor has excellent reliability even under extreme conditions, and ensure the bearings work and extend its working lifetime.



Intelligent Controlle

The controller can control the operation of parts accurately with collecting all operating data to diagnose and indicate the fault. Alert to protect the compressor and ensure 24-hour unattended operation.



Inverter

to change the power supply frequency, thereby adjusting the load, reducing power consumption, reducing losses, and extending the service life of the equipment.



Intake valve

Large diameter, low pressure differential reduced consumption, unique control design to improve system stability.



Air/oil Separator

High efficiency separator element with working life time be 4000 hours (outside separator can be choosed for the compressor below 30hp).



Oil filter element

Working life time: 2000hours.



Air filter

Two types of air filter assembly which will be choosed depend on the air flow.



Fix speed series Screw Compressor

- IE 2, IP3 54 PHASE AC Asynchronouns mototr
- Baosi Aired
- Star delta starting
- Direct driven/belt driven are available
- Low noise

| Model Number | Pressure | | Capacity | | Motor Power kW/HP | Connection size | Dimensions (mm) Air Cooled | | | Weight kg | Noise dB(A) |
|--------------|----------|-----|---------------------|-------|----------------------|--------------------|----------------------------|-------|--------|--------------|----------------|
| | bar | psi | m ³ /min | cfm | | | length | width | Height | | |
| AS-10HB | 7 | 100 | 1,2 | 42,4 | 7,5/10 | RP1/2" | 800 | 700 | 930 | 190 | 62 |
| | 8 | 116 | 1,1 | 38,8 | | | | | | | |
| | 10 | 145 | 0,9 | 31,8 | | | | | | | |
| | 12 | 174 | 0,8 | 28,3 | | | | | | | |
| AS-15HB | 7 | 100 | 1,8 | 63,6 | 11/15 | G3/4" | 1080 | 700 | 1000 | 310 | 62 |
| | 8 | 116 | 1,7 | 60,0 | | | | | | | |
| | 10 | 145 | 1,57 | 55,4 | | | | | | | |
| | 12 | 174 | 1,48 | 52,3 | | | | | | | |
| AS-20HB | 7 | 100 | 2,4 | 84,8 | 15/20 | G3/4" | 1080 | 700 | 1000 | 320 | 65 |
| | 8 | 116 | 2,3 | 81,2 | | | | | | | |
| | 10 | 145 | 2 | 70,6 | | | | | | | |
| | 12 | 174 | 1,6 | 56,5 | | | | | | | |
| AS-25HB | 7 | 100 | 3,1 | 109,5 | 18,5/25 | G1" | 1380 | 850 | 1100 | 410 | 65 |
| | 8 | 116 | 2,85 | 100,6 | | | | | | | |
| | 10 | 145 | 2,3 | 81,2 | | | | | | | |
| | 12 | 174 | 2,2 | 77,7 | | | | | | | |
| AS-30HB | 7 | 100 | 3,6 | 127,1 | 22/30 | G1" | 1380 | 850 | 1100 | 460 | 56 |
| | 8 | 116 | 3,4 | 120,1 | | | | | | | |
| | 10 | 145 | 3,25 | 114,8 | | | | | | | |
| | 12 | 174 | 2,7 | 95,3 | | | | | | | |
| AS-40HB | 7 | 100 | 5,2 | 183,6 | 30/40 | G1" | 1380 | 850 | 1100 | 480 | 56 |
| | 8 | 116 | 5 | 176,6 | | | | | | | |
| | 10 | 145 | 4,9 | 173,0 | | | | | | | |
| | 12 | 174 | 3,1 | 109,5 | | | | | | | |

| Model Number | Pressure | | Capacity | | Motor Power kW/HP | Connection size | Dimensions (mm) Air Cooled | | | Weight kg | Noise dB(A) |
|--------------|----------|-----|---------------------|--------|----------------------|--------------------|----------------------------|-------|--------|--------------|----------------|
| | bar | psi | m ³ /min | cfm | | | length | width | Height | | |
| AS-50HB | 7 | 100 | 6,8 | 240,1 | 37/50 | G2/1-1" | 1500 | 1000 | 1330 | 740 | 65 |
| | 8 | 116 | 6 | 211,9 | | | | | | | |
| | 10 | 145 | 5,9 | 208,4 | | | | | | | |
| | 12 | 174 | 4,7 | 166,0 | | | | | | | |
| AS-60HB | 7 | 100 | 8 | 282,5 | 60/45 | G2/1-1" | 1500 | 1000 | 1330 | 810 | 65 |
| | 8 | 116 | 7,1 | 250,7 | | | | | | | |
| | 10 | 145 | 7 | 247,2 | | | | | | | |
| | 12 | 174 | 5,7 | 201,3 | | | | | | | |
| AS-75HB | 7 | 100 | 10 | 353,1 | 55/75 | G2" | 1800 | 1250 | 1570 | 1190 | 72 |
| | 8 | 116 | 9,2 | 324,9 | | | | | | | |
| | 10 | 145 | 9,1 | 321,4 | | | | | | | |
| | 12 | 174 | 6,7 | 236,6 | | | | | | | |
| AS-100HB | 7 | 100 | 13,5 | 476,7 | 75/100 | G2" | 1900 | 1250 | 1750 | 1360 | 72 |
| | 8 | 116 | 12 | 423,8 | | | | | | | |
| | 10 | 145 | 11,8 | 416,7 | | | | | | | |
| | 12 | 174 | 8,9 | 314,3 | | | | | | | |
| AS-120HB | 7 | 100 | 16,1 | 240,1 | 90/120 | G2" | 1900 | 1000 | 1570 | 1550 | 75 |
| | 8 | 116 | 15 | 211,9 | | | | | | | |
| | 10 | 145 | 14,8 | 208,4 | | | | | | | |
| | 12 | 174 | 11,4 | 166,0 | | | | | | | |
| AS-150HB | 7 | 100 | 21 | 568,6 | 110/150 | DN65 | 2300 | 1000 | 1840 | 2060 | 75 |
| | 8 | 116 | 18,9 | 529,7 | | | | | | | |
| | 10 | 145 | 18,7 | 522,6 | | | | | | | |
| | 12 | 174 | 14,5 | 42,6 | | | | | | | |
| AS-175HB | 7 | 100 | 25,2 | 741,6 | 132/175 | DN65 | 2300 | 1250 | 1840 | 2440 | 75 |
| | 8 | 116 | 21,7 | 667,4 | | | | | | | |
| | 10 | 145 | 21,5 | 660,4 | | | | | | | |
| | 12 | 174 | 18,5 | 512,1 | | | | | | | |
| AS-200HB | 7 | 100 | 28,7 | 889,9 | 160/200 | DN85 | 2700 | 1250 | 2300 | 3400 | 78 |
| | 8 | 116 | 27,2 | 766,3 | | | | | | | |
| | 10 | 145 | 27 | 759,3 | | | | | | | |
| | 12 | 174 | 21,3 | 653,3 | | | | | | | |
| AS-250HB | 7 | 100 | 32 | 1013,5 | 185/250 | DN85 | 2700 | 1250 | 2300 | 3900 | 78 |
| | 8 | 116 | 29,4 | 960,5 | | | | | | | |
| | 10 | 145 | 29,2 | 953,5 | | | | | | | |
| | 12 | 174 | 26,2 | 752,2 | | | | | | | |
| AS-300HB | 7 | 100 | 39 | 1377,2 | 220/300 | DN100 | 3200 | 1250 | 2500 | 4400 | 82 |
| | 8 | 116 | 38,1 | 1345,5 | | | | | | | |
| | 10 | 145 | 37,5 | 1324,3 | | | | | | | |
| | 12 | 174 | 28,8 | 1017,3 | | | | | | | |
| AS-350HB | 7 | 100 | 42,8 | 1511,4 | 250/350 | DN100 | 3200 | 1250 | 2500 | 5200 | 82 |
| | 8 | 116 | 42 | 1465,5 | | | | | | | |
| | 10 | 145 | 41,5 | 1465,5 | | | | | | | |
| | 12 | 174 | 37,2 | 1313,7 | | | | | | | |



Integrated crew air compressor series



Integrated Screw air compressor

- Including compressor, air dryer tank and 4 pcs of line filter.
- Pressure: 8 bar - 12 bar.
- easy to install

| Technical data | Model Number | Capacity | Motor Power | Connection size | Dimensions (mm) Air Cooled | | | Weight kg | Tank volume Litre | Noise dB(A) |
|----------------|----------------------------------|--------------------------|--------------|-----------------|----------------------------|-------|--------|-----------|-------------------|-------------|
| | | m ³ /min | kW/HP | | length | width | Height | | | |
| | AS-50HB | 0,5 1,1 1,6 2,2 | 5,5 Kw/7,5hp | G1/2" | 1206 | 700 | 1285 | 260 | 150 | 62 |
| AS-60HB | 282,5 250,7 247,2 201,3 | 7,5Kw/10hp | G1/2" | 1400 | 700 | 1380 | 310 | 230 | 62 | |
| AS-75HB | 353,1 324,9 321,4 236,6 | 11Kw/15hp | G3/4" | 1450 | 750 | 1500 | 430 | 230 | 65 | |
| AS-100HB | 476,7 423,8 416,7 314,3 | 15Kw/20hp | G3/4" | 1450 | 750 | 1500 | 430 | 300 | 65 | |

Integrated crew air compressor series



16 bar combined screw air compressor

16 bar combined screw air compressor for laser cutting machine

- Including compressor, air dryer, tank and 4 pcs of line filter.
- Pressure: 16 bar.
- Applicable: laser cutting machine.
- Combined type with dryer and tank.
- easy to install

| Technical data | Model Number | Capacity | Motor Power | Connection size | Dimensions (mm) Air Cooled | | | Weight kg | Tank volume Litre | Noise dB(A) | Maximum oil content ppm |
|----------------|--------------|---------------------|-------------|-----------------|----------------------------|-------|--------|----------------------|-------------------|-------------|-------------------------|
| | | m ³ /min | kW/HP | | length | width | Height | | | | |
| | AS-15A/16 | 1,1 | 11Kw/15hp | G3/4" | 1500 | 760 | 1206 | 650 | 2pcs of 150 litre | 65 | 65 |
| AS-20A/16 | 1,4 | 15Kw/20hp | G3/4" | 1500 | 760 | 1206 | 650 | 2pcs of 150 litre | 65 | 65 | |
| AS-30A/16 | 2,3 | 22Kw/30hp | G1" | 1500 | 1450 | 2300 | 810 | 600pcs of 1000 litre | 65 | 65 | |



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